

PATENT ABSTRACTS OF JAPAN

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(71)Applicant : MATSUSHITA ELECTRIC WORKS LTD

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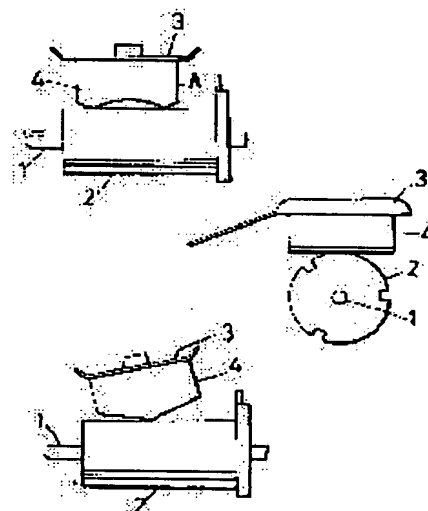
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(54) CARBON BRUSH FOR MOTOR

(57)Abstract:

PURPOSE: To prevent abnormal noises, abrasion, and the like by forming V-shaped protruded portions at the contact points of a carbon brush and a commutator in order to make point contact, thereby the contact portions are suitably fit each other.

CONSTITUTION: A tubular commutator 2 is fixed to a motor shaft 1, and a carbon brush 4 is resiliently contacted by a plate spring 3. Two V-shaped protruded portions are formed at both sides of the edge of the carbon brush 4, and the tips of the protruded portions are slidingly contacted with a tubular commutator 2. In this constitution, the carbon brush and the commutator are point-contacted, inclining and rolling of the brush are reduced, and stable contact conditions can be obtained.



LEGAL STATUS

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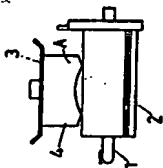
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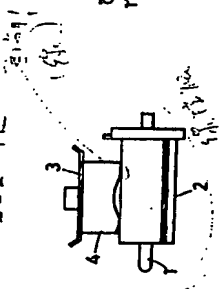
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第 4 圖



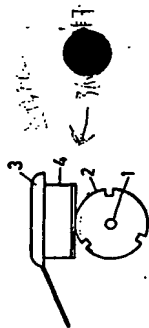
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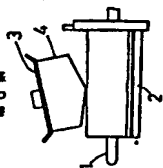
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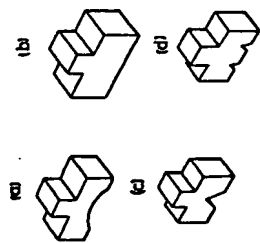
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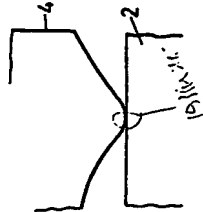
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第 3 圖



第 7 圖



第 8 圖

